

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	4	kohno.in. and (mixing same audio) and (medium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/03 19:48
L3	2	"5942708"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/03 19:48
L4	2	L3 and (medium disc disk)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/03 20:03
L5	2	L3 and (pads)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/03 20:03
L6	2	kohno.in. and (mixing same audio) and ((expansion near2 card) same converter)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/03 20:05
S1	214	kohno.in. and mixing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 12:58
S2	7	kohno.in. and mixing same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/03 20:04
S3	17	kobayashi.in. and mixing same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 17:58
S4	3	tanji.in. and mixing same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/23 14:29
S5	105	"yamaha".AS. and mixing same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/25 09:48
S6	20	"yamaha".AS. and mixing same audio same storage	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 13:17
S7	162	(369/4).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/14 11:48
S8	2	(("6175632") or ("5614687")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 13:26
S9	307	(381/119).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/05 14:28
S10	193	(381/119).ccls. and (pads or switch\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/21 17:46

## EAST Search History

S11	5	("6061458").URPN.	USPAT	OR	OFF	2005/02/02 11:45
S12	7	(381/119).ccls. and (banks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/10/29 16:24
S13	280	369/4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/02 12:04
S14	57	(369/4).ccls. and (pads or switch\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/10/29 16:17
S15	217	kohno.in. and mixing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/11 12:51
S16	850	"yamaha".AS. and mixing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:21
S18	23	"yamaha".AS. and mixing and pads	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/13 13:31
S19	6	("5382749"   "5792971"   "5973255"   "6218604"   "6281423"   "6326537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/11 12:56
S20	216	"yamaha".AS. and mixing and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 12:47
S21	18	("4773294").URPN.	USPAT	OR	OFF	2005/02/13 13:36
S22	43	"yamaha".AS. and mixing same (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/13 13:48
S24	783	(700/94)".ccls" and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/23 16:45
S25	783	(700/94)".ccls" and mix\$3 same storage	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/07 10:50
S26	783	(700/94)".ccls" and mix\$3 same storage	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/13 15:32
S27	41	(700/94).ccls. and mix\$3 same storage	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/13 13:50
S28	211	(700/94).ccls. and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/13 13:50
S29	783	(700/94)".ccls" and mix\$3 and (switches or senso\$3 or LEDs)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/14 10:15

## EAST Search History

S30	584	"yamaha".AS. and mix\$3 and (switches or senso\$3 or LEDs)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/27 15:28
S31	134	"yamaha".AS. and mix\$3 same (switches or senso\$3 or LEDs)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/13 15:34
S32	2	"yamaha".AS. and mix\$3 same (switches) same (senso\$3 or LEDs)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/13 15:38
S33	4	"yamaha".AS. and mix\$3 same (operat\$3 adj3 members)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 18:49
S34	1	("4773294").PN.	USPAT	OR	OFF	2005/02/14 11:03
S35	18	("4773294").URPN.	USPAT	OR	OFF	2005/02/14 10:13
S36	277	(84/625).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 17:05
S37	9	(84/625).ccls. and (pads or switches) same (sensors or LEDs)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/02 11:12
S38	0	("mix\$3same(audio)same(padsorsw itches)").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/14 11:09
S39	670	mix\$3 same (audio) same (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/14 11:11
S40	0	mix\$3 same (audio) same (pads or switches) same (hard adj2 drive)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/14 11:12
S41	14	mix\$3 same (audio) same (pads or switches) same (HDD or CD-RW or CD-ROM or DvD or MO or FDD)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/14 11:15
S42	133	mix\$3 same (audio) same (pads or switches) and (HDD or CD-RW or CD-ROM or DvD or MO or FDD)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/14 11:16
S43	286	(710/67,73).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/14 11:50
S44	70	(710/67,73).ccls. and (audio)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/14 11:51
S45	86	"yamaha".AS. and mix\$3 same (pads or switches)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/06/27 13:28
S46	9	("5703312").URPN.	USPAT	OR	OFF	2005/02/14 15:03

## EAST Search History

S47	5	multi-tra\$3 with digital with record\$3 with reproduc\$3 same mix\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/02/14 15:08
S48	8	multi-tra\$3 with digital with record\$3 with reproduc\$3 and mix\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/02/14 15:09
S49	14	multichannel with digital with record\$3 with reproduc\$3 and mix\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/02/14 15:11
S50	3	multichannel with digital with record\$3 with reproduc\$3 same mix\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/02/14 15:09
S51	20	tracks with digital with record\$3 with reproduc\$3 with mix\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/02/14 15:11
S52	167	(84/609,610).ccls. and (pads or switches) and (HDD or (hard adj2 disk))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/01 18:21
S53	95	(84/609,610).ccls. and (pads or switches) and (HDD or (hard adj2 disk)) and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/09 10:38
S54	0	("5668334").URPN.	USPAT	OR	OFF	2005/03/01 18:03
S55	3	("5739453"   "5920025"   "6031175").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/01 18:08
S56	6	("5382749"   "5792971"   "5973255"   "6218604"   "6281423"   "6326537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/01 18:10
S57	313	(84/609,610).ccls. and (mix\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/02 10:38
S58	49	(84/609,610).ccls. and (mix\$3) and HDD	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/01 18:29
S59	6	("5243123"   "5719346"   "5750912"   "5804752"   "5817965"   "5889224").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/01 18:34
S60	157	(84/609,610,625).ccls. and (mix\$3) and storage and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/02 16:31
S61	1	("5578778").PN.	USPAT	OR	OFF	2005/03/02 10:43
S62	1	("5578778").URPN.	USPAT	OR	OFF	2005/03/02 10:43

## EAST Search History

S63	8	("5696342"   "5728961"   "5770812"   "5913258"   "5973251"   "5981860"   "6140566"   "6184455").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/02 10:46
S64	679	("84"/\$).ccls. and (pads or switches) same (assign\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/02 12:12
S65	6	(369/4).ccls. and (pads or switches) same (assign\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/02 12:07
S66	26	"behringer".AS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/02 12:07
S67	13	("84"/\$).ccls. and (pads or switches) same (assign\$3) same (bank or banks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 12:12
S68	6	mix\$3 same (pads or switches) same (assign\$3) same (bank or banks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/14 17:01
S69	60	(84/609,610,625).ccls. and (mixer) and storage and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:44
S70	6	("5382749"   "5792971"   "5973255"   "6218604"   "6281423"   "6326537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/02 16:36
S71	38	(369/4).ccls. and (pads or switch\$3) and (storage or memory)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/02 16:52
S72	1	("5608807").PN.	USPAT	OR	OFF	2005/03/02 16:52
S73	1	takeuchi.in. and tone and synthesi\$4 and effect	JPO	OR	OFF	2005/03/03 11:41
S74	262	takeuchi.in. and tone	JPO	OR	OFF	2005/03/03 11:41
S75	11	takeuchi.in. and tone and synthesi\$4	JPO	OR	OFF	2005/03/03 11:42
S76	154	"yamaha".AS. and tone and synthesi\$4	JPO	OR	OFF	2005/03/03 11:42
S77	18	"yamaha".AS. and tone and synthesi\$4 and effect	JPO	OR	OFF	2005/03/04 10:16
S78	1	JP-09306347-.did.	JPO	OR	OFF	2005/03/03 11:43
S79	0	JP-9306347-.did.	JPO	OR	OFF	2005/03/03 11:46
S80	0	JP-306347-.did.	JPO	OR	OFF	2005/03/03 11:43
S81	0	JP-9306347-.did.	EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:46
S82	2	JP-09306347-.did.	EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:46

## EAST Search History

S83	382	"yamaha".AS. and (mixing or mixer) and tone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 11:47
S84	255	"yamaha".AS. and (mixing or mixer) and audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 12:01
S85	331	"yamaha".AS. and (mixing or mixer) and assign\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 12:01
S86	16	"yamaha".AS. and (mixing or mixer) and assign\$3 and pads	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 12:09
S87	99	(mixer) and (assign\$3 near3 audio) and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 12:09
S88	12	"yamaha".AS. and (assign\$3 near3 audio) and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 12:12
S89	22	("84"/\$).ccls. and (assign\$3 near3 audio) and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 17:19
S90	3	(369/4).ccls. and (assign\$3 near3 audio) and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 12:13
S91	16	(381/119).ccls. and (assign\$3 near3 audio) and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 12:13
S92	1	("6839441").PN.	USPAT	OR	OFF	2005/03/03 13:19
S93	27	("3982071"   "4479240"   "4635288"   "4677674"   "4879751"   "4885792"   "4993073"   "5054077"   "5060272"   "5102373"   "5122720"   "5206913"   "5212733"   "5239458"   "5257317"   "5268964"   "5293102"   "5299267"   "5402501"   "5420933"   "5444676"   "5444789"   "5479518"   "5623551"   "5930375"   "5982902"   "6061458").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/03 13:19
S94	0	("6839441").URPN.	USPAT	OR	OFF	2005/03/03 13:20
S95	0	("digitaladj2mixer").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:19
S96	762	digital adj2 mixer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:29

## EAST Search History

S97	292	(digital adj2 mixer) and audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:19
S98	149	(digital adj2 mixer) same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:19
S99	446	"yamaha".AS. and mixer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:21
S100	4	(381/119).ccls. and (HD)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:44
S101	3	(369/4).ccls. and (HD)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:44
S102	1	(84/609,610,625).ccls. and (mixer) and HD and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:44
S103	13	(84/609,610,625).ccls. and (mixer) and HDD and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:46
S104	22	(84/609,610,625).ccls. and (mixer) and HDD	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 16:47
S105	7	("84"/\$).ccls. and (assign\$3 near3 audio) and (mixers)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 17:20
S106	81	("84"/\$).ccls. and (assign\$3) and (mixers)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 17:20
S107	40	"yamaha".AS. and pads same assign\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/03 18:58
S108	1	("6410837").PN.	USPAT	OR	OFF	2005/03/03 18:58
S109	6	("4785702"   "5824933"   "5915288"   "5952598"   "5973255"   "6281421").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/03 18:58
S110	10	sone.in. and tone and synthesi\$4 and effect	USPAT	OR	OFF	2005/03/04 10:16
S111	5	("6066792").URPN.	USPAT	OR	OFF	2005/03/04 10:23
S112	40	(381/119).ccls. and (hard adj2 disk)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/06 20:10

## EAST Search History

S11 3	686	(700/94)".ccls" and mixer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/07 10:50
S11 4	686	(700/94)".ccls" and mixer and audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/07 10:50
S11 5	114	(700/94).ccls. and mixer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/07 10:55
S11 6	7	(mix\$3 adj2 console) same (hard adj2 disk)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/07 11:05
S11 7	3	powers.in. and sound near2 mixing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/14 17:01
S11 8	137	"yamaha".AS. and mixing and (pads or switches) and assign\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/14 17:22
S11 9	7	("5354948").URPN.	USPAT	OR	OFF	2005/03/14 17:28
S12 0	20	takeuchi.in. and tone near2 synthesi\$7	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/21 15:23
S12 1	16	kitayama.in. and tone near2 synthesi\$7	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/21 15:28
S12 2	66	kunimoto.in. and tone near2 synthesi\$7	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/21 15:31
S12 3	1	yamaha.in. and tone near2 synthesi\$7	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/21 15:31
S12 4	455	yamaha.AS. and tone near2 synthesi\$7	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/21 15:31
S12 5	1	("6166731").PN.	USPAT	OR	OFF	2005/04/23 15:46
S12 6	468	"yamaha".AS. and mixer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/23 16:31
S12 7	159	"yamaha".AS. and mixer and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/23 16:31
S12 8	661	(700/94)".ccls" and mixer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/23 16:46

## EAST Search History

S12 9	661	(700/94)".ccls" and mixer same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/23 16:50
S13 0	95	(700/94).ccls. and mixer same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/23 16:50
S13 1	6	("5243123"   "5719346"   "5750912"   "5804752"   "5817965"   "5889224").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/23 17:23
S13 2	72	kobayashi.in. and mixing and audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 17:59
S13 3	190	"yamaha".AS. and mixing and audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 18:01
S13 5	7	(84/600-606,609-610,615,622,625, 660).ccls. and (pads or switches) and (HDD or (hard adj2 disk)) and (third adj3 storage) and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/22 14:43
S13 6	116	(84/660).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/22 13:57
S13 7	224	(84/600-606,609-610,615,622,625, 660).ccls. and (stor\$4 near2 (timing or time or period)) and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/22 14:45
S13 8	211	(84/600-606,609-610,615,622,625, 660).ccls. and (stor\$4 with (timing or time or period)) with (read\$3) and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/22 15:42
S13 9	1	(84/600-606,609-610,615,622,625, 660).ccls. and (timing near2 control near2 section) with (read\$3) and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/27 18:06
S14 0	3	("84"/\$).ccls. and (timing near2 control near2 section) with (read\$3) and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/22 15:43
S14 1	4	("84"/\$).ccls. and (timing near2 control near2 section) with (read\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/22 15:44
S14 2	27	("84"/\$).ccls. and (timing with control with section) with (read\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/22 15:46
S14 3	13	(timing with control with section) with (read\$3) and (mixer or mixing) and audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/22 15:47
S14 4	1	"4635288".PN.	USPAT; USOCR	OR	OFF	2005/06/24 12:38

## EAST Search History

S14 5	25	"yamaha".AS. and mix\$3 and (pads or switches) with sensor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 12:48
S14 6	37	"yamaha".AS. and (pads or switches) with sensor with detect\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:51
S14 7	1	("5698802").PN.	USPAT	OR	OFF	2005/06/24 12:52
S14 8	6	("5698802").URPN.	USPAT	OR	OFF	2005/06/24 12:52
S14 9	2	("5998724").URPN.	USPAT	OR	OFF	2005/06/24 13:05
S15 0	3	("5256830"   "5272274"   "5703312").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/24 13:07
S15 1	212	(digital adj2 mixer) and audio and channels	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:29
S15 2	32	(digital adj2 mixer) same audio same channels	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:31
S15 3	160	(digital adj2 mixer) same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:31
S15 4	6670	mix\$3 and (pads or switches) with detect\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:52
S15 5	548	mix\$3 and ((pads or switches) with detect\$3 with sensor)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:52
S15 6	90	mix\$3 and ((pads or switches) with detect\$3 with sensor) and audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:52
S15 7	308	"yamaha".AS. and (mixer or mixing) and storage and second	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/06/27 13:29
S15 8	54	(369/4).ccls. and (mixing)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/27 15:21
S15 9	57	(369/4).ccls. and (mixing or mix)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/27 15:21
S16 0	375	"yamaha".AS. and (mixing or mixer) and (switches or senso\$3 or LEDs)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/27 15:29

## EAST Search History

S16 1	8	("5257317"   "5608807"   "D244215"   "D325383"   "D326454"   "D408820"   "D426231"   "D436250").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/27 16:21
S16 2	6	("5487067"   "5636283"   "5768126"   "6005948"   "6007228"   "6642876").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/27 16:22
S16 3	122	"yamaha".AS. and sone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/27 16:45
S16 5	16	(84/600-606,609-610,615,622,625, 660).ccls. and (timing near2 control\$4) with (read\$3) and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/04/05 12:38
S16 6	2	("4947723"   "Re34913").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/21 16:20
S16 7	0	("5942708").URPN.	USPAT	OR	OFF	2005/09/21 16:21
S16 8	8	(84/600-606,609-610,615,622,625, 660).ccls. and (timing near2 control) with (read\$3) and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 11:16
S16 9	2	(("6857130") or ("5894306")).PN.	USPAT	OR	OFF	2005/09/21 17:15
S17 0	6	("5487067"   "5636283"   "5768126"   "6005948"   "6007228"   "6642876").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/21 17:22
S17 1	1	("4275268").PN.	USPAT	OR	OFF	2005/09/21 17:46
S17 2	6	("4275268").URPN.	USPAT	OR	OFF	2005/09/21 18:00
S17 3	6	(mixer or mixing) same (HDD or (hard adj2 disk adj2 drive)) same assign\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/21 18:01
S17 4	165	(84/600-606,609-610,615,622,625, 660).ccls. and (pads or switches) and (HDD or (hard adj2 disk)) and mix\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/22 10:55
S17 5	236	(84/600-606,609-610,615,622,625, 660).ccls. and (pads or switches) and (HDD or (hard adj2 disk)) and (mix\$3 or synthesi\$6)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 15:06
S17 6	24	("4635288").URPN.	USPAT	OR	OFF	2005/09/26 09:49

## EAST Search History

S17 7	20	(84/600-606,609-610,615,622,625, 660).ccls. and (timing near2 control) with (read\$3) and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 11:33
S17 8	20	(84/600-606,609-610,615,622,625, 660).ccls. and ((timing near2 control) with (read\$3)) and (pads or switches)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 11:16
S17 9	19	(84/600-606,609-610,615,622,625, 660).ccls. and (HDD or (hard adj2 disk adj2 drive)) with temporarily	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 13:13
S18 0	0	mixer same assigning same GUI	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 11:31
S18 1	0	mixer same assign same GUI	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 11:32
S18 2	0	mixer same assign same (user adj2 interface)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 11:32
S18 3	24	(84/600-606,609-610,615,622,625, 660).ccls. and (timing near2 control) with (read\$3) and (assign\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 13:13
S18 4	89	(84/600-606,609-610,615,622,625, 660).ccls. and (HDD or (hard adj2 disk adj2 drive)) and (assign\$3 with (data or tones or audio))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 13:14
S18 5	67	(84/600-606,609-610,615,622,625, 660).ccls. and (HDD or (hard adj2 disk adj2 drive)) and (assign\$3 with (data or tones or audio)) and (pads or switches or keys)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 13:52
S18 6	4	("5300723"   "5723803"   "5728961"   "5818418").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/26 13:16
S18 7	2	(84/600-606,609-610,615,622,625, 660).ccls. and (HDD or (hard adj2 disk adj2 drive)) and (assign\$3 with (data or tones or audio)) and (pads or switches or keys) and (tempora\$6 adj2 store)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 13:53
S18 8	43	(84/600-606,609-610,615,622,625, 660).ccls. and (HDD or (hard adj2 disk adj2 drive)) and (assign\$3 with (data or tones or audio)) and (pads or switches or keys) and (tempora\$6)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 14:12

## EAST Search History

S18 9	3	(84/600-606,609-610,615,622,625, 660).ccls. and ((HDD or (hard adj2 disk adj2 drive)) with (assign\$3)) and (pads or switches or keys) and (tempora\$6)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 14:13
S19 0	0	(84/600-606,609-610,615,622,625, 660).ccls. and ((HDD or (hard adj2 disk adj2 drive)) near3 (assign\$3))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 14:47
S19 1	146	(84/600-606,609-610,615,622,625, 660).ccls. and (memory or RAM) near3 timing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 14:48
S19 2	30	(84/600-606,609-610,615,622,625, 660).ccls. and (memory or RAM) near3 timing near2 read\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 14:48
S19 3	14	(84/600-606,609-610,615,622,625, 660).ccls. and (pads) and (HDD or (hard adj2 disk)) and (mix\$3 or synthesi\$6)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 15:08
S19 4	19	(84/600-606,609-610,615,622,625, 660).ccls. and (pads) and (HDD or (hard adj2 disk))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 15:09
S19 5	50	(84/600-606,609-610,615,622,625, 660).ccls. and (pads) and (mixing or synthesi\$6)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 15:31
S19 6	0	(84/600-606,609-610,615,622,625, 660).ccls. and (pad adj2 RAM)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 16:31
S19 7	1	("84"/\$).ccls. and (pad adj2 RAM)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 16:12
S19 8	1	("5942708").PN.	USPAT	OR	OFF	2005/09/26 16:12
S19 9	2	("4947723"   "Re34913").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/26 16:13
S20 0	284	(84/600-606,609-610,615,622,625, 660).ccls. and (stereo)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 16:32
S20 1	181	(84/600-606,609-610,615,622,625, 660).ccls. and (stereo) and assign\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 14:34
S20 2	11	(84/600-606,609-610,615,622,625, 660).ccls. and (stereo) with assign\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/26 16:34
S20 3	54	"yamaha".AS. and mixing with bus	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/25 09:48

## EAST Search History

S20 4	1	("6745351").PN.	USPAT	OR	OFF	2006/06/19 11:42
S20 5	0	("mixersame(firstnear2assign\$3)sa me(secondnear2assign\$3)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/21 12:24
S20 6	10	mixer same (first near2 assign\$3) same (second near2 assign\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/21 15:03
S20 7	7	kohno.in. and mixing same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 12:26
S20 8	5	S207 and first and second and assign\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 12:33
S20 9	3	S207 and control\$3 and assign\$3 and third and (hard near2 disk) and temporar\$4 and memory	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 13:46
S21 0	2	S207 and control\$3 and assign\$3 and third and (hard near2 disk) and temporar\$4 and memory and bus and mix\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 15:05
S21 1	215	(84/600-606,609-610,615,622,625, 660).ccls. and (mixer) and assign\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 14:34
S21 2	98	(84/600-606,609-610,615,622,625, 660).ccls. and (mixer) and assign\$3 and (hard near2 disk)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 14:39
S21 3	141884	(84/600-606,609-610,615,622,625, 660).ccls. and (mixer) and assign\$3 ((memory buffer storage) with temporar\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 14:39
S21 4	74	(84/600-606,609-610,615,622,625, 660).ccls. and (mixer) and assign\$3 and ((memory buffer storage) with temporar\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/05 14:29
S21 5	213	((first near2 assign\$3) same (second near2 assign\$3)) and mixer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/21 15:04
S21 6	6583	S207 and control\$3 and assign\$3 second and timing and depress	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 15:05
S21 7	1	S207 and control\$3 and assign\$3 and temporar\$6 and timing and depress\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 15:50

## EAST Search History

S21 8	1	("6166731").PN.	USPAT	OR	OFF	2006/06/21 15:51
S21 9	2	("4394694"   "4507691").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/21 15:52
S22 0	43	roland.AS. and mixer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/24 15:44
S22 1	130	roland.AS. and audio	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/21 16:14
S22 2	1	("6745351").PN.	USPAT	OR	OFF	2006/06/21 16:15
S22 3	1543	(84/600,609,610).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 17:05
S22 4	905	(700/94).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 17:18
S22 5	4	(("6573444") or ("5902948") or ("6061458") or ("5831193")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/21 17:19
S22 6	12	(369/4).ccls. and (pads or switch\$3) and (mix\$3 near3 bus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/29 16:20
S22 7	21	(700/94).ccls. and (pads or switch\$3) and (mix\$3 near3 bus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/29 16:20
S22 8	93	(381/119).ccls. and (mix\$3 with bus)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/04/04 10:53
S22 9	94	(381/119).ccls. and (mix\$3 with bus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/29 16:24
S23 0	1	("6870936").PN.	USPAT	OR	OFF	2006/10/30 16:09
S23 1	1	("5488669").PN.	USPAT	OR	OFF	2006/10/30 16:09

## EAST Search History

S23 2	428	(381/119).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/10/30 16:19
S23 3	453	(381/119).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/03 11:26
S23 4	189	"381"/\$.ccls. and ((bus databus) with mix\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/03 12:19
S23 5	27	ryoji.in. and effect and DSP	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/03 12:19
S23 6	67	(digital near2 recorder) same mixer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/04 10:29
S23 7	4	("4348930"   "4907483"   "5206449"   "5585588").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 10:31
S23 8	6	("5382749"   "5792971"   "5973255"   "6218604"   "6281423"   "6326537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 10:33
S23 9	0	(381/119).ccls. and (reassign\$3 with audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/04 10:54
S24 0	0	(381/119).ccls. and (re-assign\$3 with audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/04 10:54
S24 1	2	(369/4).ccls. and (reassign\$3 with audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/04 10:58

## EAST Search History

S24 2	1	mixer same (input near2 patch) same assign\$3 same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/04 11:00
S24 3	922	mixer same assign\$3 same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/04 11:00
S24 4	7	mixer same reassign\$3 same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/04 11:00
S24 5	1589	(84/600-602,615).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 12:40
S24 6	103	S245 and (add\$3 with (data effects) with stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 12:53
S24 7	0	S245 and (add\$3 with (first near2 audio) with (data effects) with stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 12:52
S24 8	0	381/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) with (first near3 audio) with (data effects) with ((using utili\$3) near3 stor\$3 near3 second near2 (audio data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 13:05
S24 9	0	381/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) same (first near3 audio) same (data effects) same ((using utili\$3) near3 stor\$3 near3 second near2 (audio data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 13:03
S25 0	0	381/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and ((mix\$3 add\$3) near3 (data effects)) same (pads (operating near2 members))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 13:04

## EAST Search History

S25 1	0	381/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) same (pads (operating near2 members))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 13:04
S25 2	0	381/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) and (pads (operating near2 members))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 13:05
S25 3	0	84/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) with (first near3 audio) with (data effects) with ((using utili\$3) near3 stor\$3 near3 second near2 (audio data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 13:05
S25 4	96	84/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) and (pads (operating near2 members))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/15 10:49
S25 5	306	84/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and mix\$3 and channel\$1 and (audio music) and (select\$4 assign\$4) and (stor\$4 memor\$2) and (sens\$4 detect\$4) and (reproduc\$3 accompan\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 14:25
S25 6	1239	S245 and (operat\$3 pad\$1 button\$1 panel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 14:26
S25 7	304	S255 and (operat\$3 pad\$1 button\$1 panel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/05 14:27
S25 8	6	("5487067"   "5636283"   "5768126"   "6005948"   "6007228"   "6642876").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 17:24
S25 9	611	84/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) and channel\$1 and (aduio music) and (select\$3 assign\$4)and (stor\$4 memory\$5) and (sens\$4 detect\$4) and (reproduc\$4 accompan\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/15 11:28

## EAST Search History

S26 0	605	S259 and (operat\$3 pads button\$1 panel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/15 10:54
S26 1	683	84/600,601,602,603,604,605,606, 608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) and channel\$1 and (audio music) and (select\$3 assign\$4)and (stor\$4 memory\$5) and (sens\$4 detect\$4) and (reproduc\$4 accompan\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/08 14:23
S26 2	386	84/600,601,602,603,604,605,606, 608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) and channel\$1 and (audio music) and (first same second same (select\$3 assign\$4)) and (stor\$4 memory\$5) and (sens\$4 detect\$4) and (reproduc\$4 accompan\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/15 11:31
S26 3	6	("5487067"   "5636283"   "5768126"   "6005948"   "6007228"   "6642876").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 11:37
S26 4	101	roland.AS. and waveform same reproduc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/24 15:45
S26 5	39	roland.AS. and waveform same reproduc\$3 same memory	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/24 16:07
S26 6	1	tanji.in. and effect same giv\$3 same device same record\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/24 16:08
S26 7	3	tanji.in. and effect same device same record\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/24 16:08
S26 8	1	tanji.in. and mixing same audio same bus	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/25 10:38

## EAST Search History

S26 9	406	84/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) and (audio music) and ((select\$3 assign\$4) same (stor\$4 memory\$5) same (sens\$4 detect\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/29 13:46
S27 0	77	84/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (mix\$3 add\$3) and (audio music) and ((select\$3 assign\$4) same (stor\$4 memory\$5) same ((sens\$4 detect\$4) with (time timing)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/08 14:26
S27 1	4	kohno.in. and (mixing same audio) and (medium disc disk)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/05 13:32
S27 2	496	(381/119).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/05 14:38
S27 3	85	(84/600-606,609-610,615,622,625, 660).ccls. and (mixer) and assign\$3 and ((memory buffer storage) with temporar\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/05 14:29
S27 4	124	(84/660).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/05 14:38
S27 5	2	tanji.in. and (mixing same audio) and (stor\$3 same timing)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/23 14:29
S27 6	140	84/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (stor\$4 memory\$5) with timing with (depress\$3 near3 pad key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/28 17:28
S27 7	149	84/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (stor\$4 memory\$5) with timing with (depress\$3 near3 pad\$1 key\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/28 17:36
S27 8	57	84/600,601,602,603,604,605,606, 608,608,609,622,623,624,625,634, 649,650,653,659,660,666.ccls. and (stor\$4 memory\$5) with timing with (depress\$3 near3 (pad\$1 key\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/28 18:29

## EAST Search History

S27 9	1	("5942708").PN.	USPAT	OR	OFF	2008/01/28 17:40
S28 0	1	S279 and timing	USPAT	OR	OFF	2008/01/28 17:42
S28 1	0	S279 and Depress\$3	USPAT	OR	OFF	2008/01/28 17:43
S28 2	4	kohno.in. and (mixing same audio) and bus	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/28 17:57
S28 3	2	kohno.in. and mixing same bus	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/28 17:58
S28 4	524	mixing same bus same (audio music stereo sound)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/28 17:58
S28 5	77	"84"/\$.ccls. and mixing same bus same (audio music stereo sound)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/28 18:03
S28 6	5	"84"/\$.ccls. and (mixing near2 bus) same (audio music stereo sound)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/28 18:03
S28 7	5	"84"/\$.ccls. and (mixing near2 bus) same (audio music stereo sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/28 18:04
S28 8	73	(mixing near2 bus) same (audio music stereo sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/28 18:04
S28 9	6	("5487067"   "5636283"   "5768126"   "6005948"   "6007228"   "6642876").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/28 18:16
S29 0	212	"84"/\$.ccls. and (mix\$3 add\$3) and (audio music) and ((select\$3 assign\$4) same modes same (stor\$4 memory))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/29 14:12
S29 1	1	("5714703").PN.	USPAT	OR	OFF	2008/01/29 13:54
S29 2	8	("5714703").URPN.	USPAT	OR	OFF	2008/01/29 14:01
S29 3	4	("5981860").URPN.	USPAT	OR	OFF	2008/01/29 14:04

## EAST Search History

S29 4	8	("5696342"   "5728961"   "5770812"   "5913258"   "5973251"   "5981860"   "6140566"   "6184455").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 14:09
S29 5	7	S294 and assign\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 14:10
S29 6	1017	"84"/\$.ccls. and (mix\$3 add\$3) and (audio music) and ((select\$3 assign\$4) with channel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/29 14:12
S29 7	23	"84"/\$.ccls. and (mix\$3 add\$3) and (audio music) and ((select\$3 assign\$4) with channel\$1) same ((memory storage) with tempor\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/29 14:28
S29 8	1	("RE31090").URPN.	USPAT	OR	OFF	2008/01/29 14:22
S29 9	0	"84"/\$.ccls. and (mix\$3 add\$3) and (audio music) and ((select\$3 assign\$4) with channel\$1 with pads)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/29 14:29
S30 0	44	"84"/\$.ccls. and (mix\$3 add\$3) and (audio music) and ((select\$3 assign\$4) same channel\$1 same pads)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/29 14:55
S30 1	4	(("5453569") or ("5281756") or ("5896459") or ("6611503")).PN.	USPAT	OR	OFF	2008/01/29 16:21
S30 2	0	("(mixersame(audiosoundmusic))and((firstadj3assign\$3)same(secondadj2assign\$3)and(pads))").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/29 16:23
S30 3	0	(mixer same (audio sound music)) and ((first adj3 assign\$3) same (second adj2 assign\$3)) and (pads)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/29 16:24
S30 4	3	(mixer same (audio sound music)) and ((first near3 assign\$3) same (second near3 assign\$3)) and (pads)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/29 16:26

## EAST Search History

S30 5	52	(mixer same (audio sound music)) and (assign\$3 same pads)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/29 16:26
S30 6	6	("5613147"   "5652797"   "5703312"   "5862231"   "6031916"   "6189085").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 16:28